

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	10	("4586468").URPN.	USPAT	SAME	ON	2010/03/20 10:37
L4	56	(oil with vacuum with pump with gear) (engine)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 10:59
L5	294	417/205.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 11:06
L6	348	123/198c.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 11:11
L7	19	l6 and (vacuum oil)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 11:12
L8	4	("4806075"   "5282446").PN. OR ("6345600").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 11:13
L9	37	((WILLI) near2 (SCHNEIDER)).INV.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 11:15
L10	27	(vacuum gerotor gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 11:23
L11	38	("1389189"   "1505707"   "1513659"   "1682564"   "1773211"   "2830542"   "3040973"   "3157350"   "3272130"   "3509825"   "3838950"   "4268224").PN. OR ("4519755").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 11:27

L12	37	("2876947"   "3240158"   "3244111"   "3272130"   "3421389"   "3435616"   "3551081"   "3687578"   "3757524"   "4098083"   "4179888"   "4411606"   "4519755"   "4711090"   "4799851"   "5199525"   "5216983"   "5347812"   "5535845"   "5561978"   "5669461"   "5687568"   "5778693"   "5881630"   "5960628"   "6016657"   "6021641"   "6158216"   "6195990").PN. OR ("6612822").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 11:30
L14	1	1980-B2757C.NRAN.	DERWENT	SAME	ON	2010/03/20 11:38
L15	162	((HERTELL) near2 (SIEGFRIED)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/03/20 11:41
L16	1	("6162125").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/20 11:52
L17	1	("4497618").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/20 11:58
L18	85	((BODZAK) near2 (STANISLAW)).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/03/20 12:13
L19	1	10/545460.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/03/20 12:22
L20	17	("2050533"   "2324903"   "2500719"   "2522824"   "2737341"   "2801791"   "4231728"   "4355963").PN. OR ("4478562").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 12:41
L21	203	(vane gear gerotor)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 12:54
L22	407	418/9.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 12:55

L23	11	US-20060257267-\$. DID. OR US-2416193-\$. DID. OR US-5411116-\$. DID. OR US-2432576-\$. DID. OR EP-1657442-\$. DID. OR DE-20107926-\$. DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/03/20 12:56
L24	139	418/3.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:12
L25	2896	(vacuum oil pump same shaft)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:27
L26	919	(vacuum oil pump same shaft gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:28
L27	474	((((vacuum or vane) near2 pump) with (((oil or gear or screw) near2 pump) or gerotor)) same shaft gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:31
L28	21	("2875701"   "2914219"   "4252508"   "4270408"   "4819508"   "4971535"   "5040429"   "5078222"   "5207060"   "5304043"   "5501578"   "5800134"   "6332393"   "6361282"   "6487856").PN. OR ("7056101").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:40
L29	0	(tandum with (vacuum near2 pump)) with (((gear or oil) near2 pump) or gerotor)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:41
L30	3	(tandem with (vacuum near2 pump)) with (((gear or oil) near2 pump) or gerotor)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:41
L31	8	(tandem with (vacuum near2 pump)) (((gear or oil) near2 pump) or gerotor)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:41
L32	42	("2914219"   "3132533"   "4216684"   "4534271"   "5540563").PN. OR ("5800134").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:42
L33	0	gerotor with gear with shaft with tandem	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:44

L34	3	gerotor with gear with shaft with (dual)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:44
L35	26	("3452543").URPN.	USPAT	SAME	ON	2010/03/20 13:45
L36	2	(brake oil tandem pump vacuum)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:45
L37	337	417/429.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:48
L38	292	417/350.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:53
L39	652	417/362.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:53
L40	35	("3104530"   "3645654"   "3697201"   "4347047"   "4415319").PN. OR ("4971535").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 13:58
L41	13	("2185145"   "2189674"   "2234924"   "2279403"   "4565629"   "5307770"   "5363666"   "5620309"   "6186746").PN. OR ("6837690").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 14:02
L42	17	("2050533"   "2324903"   "2500719"   "2522824"   "2737341"   "2801791"   "4231728"   "4355963").PN. OR ("4478562").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 14:08
L43	22	("3743453"   "3744942"   "3782868"   "3877851"   "3877853"   "4429924"   "4470767"   "4478562"   "4483667"   "4519755"   "4525129"   "4639199"   "4702205"   "4734606"   "4838772"   "4919599"   "4940341"   "5035590"   "5312192"   "5409358").PN. OR ("6190149").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 14:09
L44	14	"1553157"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/03/20 14:35

L45	7	"10149388"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	ON	2010/03/20 14:36
L46	1	2003-122161.NRAN.	DERWENT	SAME	ON	2010/03/20 14:37
L47	1	("4497618").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/20 14:39
L48	355	417/368.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 14:41
L49	17	("2390204"   "2479991"   "2775204"   "3872336"   "4261416"   "4462561"   "4546939"   "5159854"   "5201798"   "5709103"   "6023134"   "6026587"   "6058715"   "6216981").PN. OR ("6860726").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 14:47
L50	6	gear with between with (vacuum near2 pump) with (oil near3 pump)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 14:54
L51	7	("2937807"   "4173440"   "4394113"   "5364245"   "5727936"   "6045343").PN. OR ("6318959").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 14:58
L52	2366	123/196r.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:04
L53	200	I52 and vacuum	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:04
L54	173	((Schipers) near2 (Heinz)).in.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:31
L55	3	I54 and oil near3 pump	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:31
L56	3	I54 and (oil near3 pump)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:31
L57	5	I54 and (vacuum near3 pump)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:31
L58	1	10/175206.app.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:41
L59	42	("2914219"   "3132533"   "4216684"   "4534271"   "5540563").PN. OR ("5800134").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:54

L60	1506	oil vacuum pump gear	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:54
L61	510	oil vacuum pump gear engine	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:55
L62	37	oil vacuum gear pump coaxial	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 15:55
L63	11	vane vacuum gear pump coaxial	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:01
L64	31	(tandem with pump). ab. and (gear with shaft)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:07
L65	2	("2526830").URPN.	USPAT	SAME	ON	2010/03/20 16:12
L66	27	("2079375"   "2212994"   "2293126"   "2526830"   "3029739").PN. OR ("4740142").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:18
L67	0	l66 and (gerotor with vane with shaft)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:23
L68	4	l66 and (gerotor with shaft)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:23
L69	2294	"417".clas. and ("pumps" with shaft with gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:28
L70	198	"417".clas. and ("pumps" with shaft with "same" with gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:28
L71	518	"417".clas. and ("pumps" with shaft with between with gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:31
L72	9	("3105441").URPN.	USPAT	SAME	ON	2010/03/20 16:34
L73	364	418/212.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:35
L74	9	((Dzioba) near2 (Donald)).in.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:43
L75	14	("1404183"   "1598839"   "2423701"   "3377882"   "3543589"   "4156416").PN. OR ("4352296").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:44
L76	15	("1424428"   "2792820"   "3094190"   "3145695"   "3447393").PN. OR ("3728995").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:50

L77	1269	I52 and pump	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:51
L78	1	("5791311").PN. OR ("7258095").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:51
L79	11	("20020020385"   "20020088425"   "20050039718"   "4445592"   "5904841"   "5934241"   "6401682"   "6578541"   "6655341"   "6948606").PN. OR ("7240656").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:52
L80	20	vacuum engine gerotor	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:55
L81	101	("2716946"   "20010036412"   "20030231965"   "3011308"   "3204859"   "3732036"   "3771921"   "3918855"   "3973881"   "4014305"   "4035105"   "4035105"   "4222718"   "4236595"   "4259039"   "4292805"   "4325215"   "4325215"   "4328480"   "4342545"   "4348159"   "4369743"   "4378200"   "4468173"   "4496288"   "4510962"   "4531706"   "4531898"   "4538974"   "4632638"   "4693081"   "4710106"   "4738330"   "4740142"   "4754738"   "4774918"   "4803969"   "4825692"   "4850269"   "4905807"   "4974562"   "4976230"   "0450818"   "5017098"   "5052896"   "5063895"   "5067454"   "5078233"   "5085187"   "5090881"   "5101789"   "5105679"   "5141418"   "5190003"   "5195474"   "5239885"   "5273020"   "5315971"   "5353753"	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 16:56

		"5355851"   "5390635"   "5398505"   "5399776"   "5404855"   "5435698"   "5465899"   "5467843"   "5484271"   "5485725"   "5490770"   "5490770"   "5544628"   "5545014"   "5545018"   "5588504"   "5618165"   "5630383"   "5690479"   "5752815"   "5797732"   "5800131"   "5826556"   "5863189"   "5876185"   "5904126"   "5918573"   "5921758"   "5996541"   "6053137"   "6065433"   "6079380"   "6131539"   "6155797"   "6202016"   "6202016"   "6216651"   "6408975"   "6488479"   "6524076"   "6615683"   "6669439").PN.				
L82	0	(10/214398).APP.	USPAT; USOCR	SAME	ON	2010/03/20 17:18
L83	7	("3904318"   "4114586").PN. OR ("5282446").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 17:37
L84	16	("4114586").URPN.	USPAT	SAME	ON	2010/03/20 17:38
L85	6	("4879981").URPN.	USPAT	SAME	ON	2010/03/20 18:11
L86	378	I52 and (pump oil gear)	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 18:12
L87	16	("4114586").URPN.	USPAT	SAME	ON	2010/03/20 18:17
L88	32	((oil near2 pump) with engine) (vacuum near2 pump) gear	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 18:41
L89	3	("6079383"   "6189499").PN. OR ("6758183").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 18:54



L90	25	("4440123"   "4703724"   "4703725"   "4766857"   "5305656"   "5327859"   "5535643"   "5743230"   "5788381"   "5791309"   "5875753"   "6079383").PN. OR ("6189499").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 18:55
L91	2	11/407620.app.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 18:56
L92	2	10/507464.app.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 18:56
L93	39	engine coaxial vacuum oil pump	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 19:06
L94	5	("6601557").URPN.	USPAT	SAME	ON	2010/03/20 19:14
L95	15	("4121558"   "4644912"   "4711203"   "4896634"   "5027762"   "5090375"   "5524581"   "5887557"   "5937812"   "5996561"   "6170448").PN. OR ("6460504").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 19:24
L96	63	l86 and vacuum	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 19:35
L97	4	("4806075"   "5282446").PN. OR ("6345600").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2010/03/20 20:01

**EAST Search History (Interference)**

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**3/ 20/ 2010 8:06:16 PM****H:\ 3746 Cases\ App 10-553398 Oil vacuum pump group\ 10553398 search.wsp**